



Keystone Ag Digest



Cooperating with the Pennsylvania Department of Agriculture

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This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."			

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

MILK PRODUCTION

Milk production in Pennsylvania during August 2010 totaled 903 million pounds, up from last August's production of 877 million pounds. The number of milk cows in the state during the month averaged 541,000 head, the same the previous month, but 4,000 less than August 2009. Production per cow averaged 1,670 pounds in August, 10 pounds less than July's production per cow of 1,680 pounds and 60 pounds more than August 2009. Milk production in the 23 states surveyed during August 2010 totaled 15.0 billion pounds, up 2.8 percent from August 2009. July revised production, at 15.3 billion pounds, was up 3.0 percent from July 2009. The July revision represented was left unaltered from last month's preliminary production estimate. Production per cow in the 23 major states averaged 1,796 pounds for August, 51 pounds above August 2009. The number of milk cows on farms in the 23 major states was 8.36 million head, 10,000 head less than August 2009 and 8,000 head less than July 2010.

SOURCE: **Milk Production**, 3:00 p.m., September 17, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

DAIRY PRODUCTS

United States' butter production was 111 million pounds, 2.9 percent below July 2009 and 5.3 percent below June 2010. Total cheese output (excluding cottage cheese) was 882 million pounds, 4.7 percent above July 2009 and 0.2 percent above June 2010. Italian type cheese production totaled 364 million pounds, 5.3 percent above July 2009 and 0.4 percent above June 2010. American type cheese production totaled 369 million pounds, 4.0 percent above July 2009 but 0.3 below June 2010. Frozen products: (comparisons with July 2009) ice cream, Regular (hard) --- 79.0 million gallons, down 6.3 percent; ice cream, Lowfat (total) --- 41.2 million gallons, up 6.3 percent; sherbet (hard) --- 4.64 million gallons, down 9.1 percent; frozen yogurt (total) --- 7.57 million gallons, down 4.6 percent.

SOURCE: **Dairy Products**, 3:00 p.m., September 2, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Product	Jul 2009	Jun 2010	Jul 2010
000 Lbs.			
PENNSYLVANIA			
Butter	6,140	1	1
Ice Cream	3,585	3,282	3,480
UNITED STATES			
Butter	114,388	117,267	111,014
Cheese:			
American Types	354,695	369,978	368,868
Brick and Muenster	11,863	9,964	10,362
Cream and Neufchatel	60,904	64,933	64,252
Mozzarella.....	273,782	290,585	291,755
Swiss	27,237	27,501	28,401
Total Cheese.....	842,752	880,850	882,284
Sour Cream.....	92,442	98,411	90,828
Yogurt, Plain & Flavored	309,910	353,948	344,874
000 Gal.			
Frozen Products			
Ice Cream, Regular, Hard....	84,319	84,255	79,000
Ice Cream, Lowfat, Total	38,736	45,376	41,192
Ice Cream, Nonfat, Hard	1,529	1,301	1,258
Sherbet, Hard.....	5,104	4,827	4,639
Frozen Yogurt, Total.....	7,931	7,630	7,565
Mix for Frozen Products			
Ice Cream Mix.....	46,152	48,544	46,034
Ice Cream, Lowfat, Mix.....	22,627	26,001	23,609
Ice Cream, Nonfat, Mix.....	979	752	755
Sherbet Mix.....	3,241	3,134	2,973
Yogurt Mix.....	4,471	4,624	4,585

¹ Estimate not published to avoid disclosure.

SOURCE: **Dairy Products**, 3:00 p.m., September 2, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

MILK COWS AND MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		August 2009	July 2010	August 2010	August 2009	July 2010	August 2010
Milk Cows	Thous.	545	541	541	8,372	8,370	8,362
Milk Per Cow	Lbs.	1,610	1,680	1,670	1,745	1,830	1,796
Milk Production	Mil. Lbs.	877	909	903	14,606	15,316	15,019

SOURCE: **Milk Production**, 3:00 p.m., September 17, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

CROP PROSPECTS – SEPTEMBER 1, 2010 WITH COMPARISONS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn	2009	1,350	920 ¹	143.0	131,560	86,482	79,590 ¹	164.7	13,110,062	Bu.
	2010	1,350	940 ¹	128.0	120,320	87,872	81,005 ¹	162.5	13,159,700	Bu.
Wheat, Winter	2009	190	175	56.0	9,800	43,311	34,485	44.2	1,522,718	Bu.
	2010	170	155	61.0	9,455	37,723	32,085	47.5	1,522,902	Bu.
Oats	2009	110	80	61.0	4,880	3,404	1,379	67.5	93,081	Bu.
	2010	110	85	61.0	5,185	3,176	1,315	66.3	87,239	Bu.
Barley.....	2009	60	45	75.0	3,375	3,567	3,113	73.0	227,323	Bu.
	2010	60	50	75.0	3,750	2,972	2,546	72.3	184,032	Bu.
Soybeans	2009	450	445	46.0	20,470	77,451	76,372	44.0	3,359,011	Bu.
	2010	470	465	43.0	19,995	78,868	77,986	44.7	3,482,899	Bu.
Hay, Dry Alfalfa	2009	-	500	2.90	1,450	-	21,227	3.35	71,030	Ton
	2010	-	450	2.90	1,305	-	20,732	3.49	72,455	Ton
Hay, Dry Other	2009	-	1,050	2.10	2,205	-	38,528	1.98	76,412	Ton
	2010	-	1,100	2.00	2,200	-	38,924	2.09	81,439	Ton
Tobacco, All	2009	-	8.2	2,276	18,660	-	354.2	2,322	822,567	Lbs.
	2010	-	8.5	2,287	19,440	-	331.1	2,193	726,253	Lbs.
Potatoes, Fall	2009	10.0	9.5	310	2,945	936.7	917.2	429	393,544	Cwt
	2010	10.0	9.5	²	²	896.1	882.3	²	²	Cwt

¹ Harvested for grain, remainder of planted acres for silage and other uses. ² Not available until November.

SOURCE: **Crop Production**, 8:30 a.m., September 10, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

CROP FORECASTS

Based on crop conditions as of September 1, estimates of Pennsylvania's 2010 production of Maryland-type tobacco, Pennsylvania Seedleaf tobacco, and Burley tobacco is expected to be above last year, while production of corn for grain and soybeans is expected to be below a year ago.

The corn for grain yield is estimated at 128 bushels per acre, four bushels below the August 1 forecast, and down 15 bushels from last year's average yield of 143 bushels per acre. With acreage for harvest currently estimated at 940,000, the resulting production is expected to be 120.3 million bushels, down 9 percent from a year ago.

The soybean yield is estimated at 43 bushels per acre, unchanged from the August 1 forecast, but down 3 bushels from last year's yield of 46 bushels per acre. With acreage for harvest currently estimated at 465,000, the resulting production is expected to be 20.0 million bushels, down 2 percent from last year.

The Southern Maryland-type tobacco yield was estimated at 2,250 pounds per acre, 50 pounds per acre less than a year ago. With acreage for harvest estimated at 2,200, the resulting production of 4.95 million pounds will be 2.5 percent above last year. The Pennsylvania Seedleaf tobacco yield was estimated at 2,300 pounds per acre, up 100 pounds per acre from last year. With acreage for harvest estimated at 2,100 acres, the resulting production of 4.8 million pounds would be 10 percent above last year. The Burley tobacco yield is estimated at 2,300 pounds per acre. With acres for harvest estimated at 4,200, the resulting production would be 9.7 million pounds which is up 2 percent from the previous year.

Nationally, corn production is forecast at a record 13.2 billion bushels, down 2 percent from the August forecast, but up from the previous record of 13.1 billion bushels set in 2009. Based on conditions as of

September 1, yields are expected to average 162.5 bushels per acre, down 2.5 bushels from the previous month and 2.2 bushels below last year's record of 164.7 bushels. Forecasted yields decreased from last month throughout much of the Corn Belt, Tennessee Valley, and Delta. Yields were up from August in the lower portions of the Southeast.

Soybean production in the U.S. is forecast at a record high 3.48 billion bushels, up 1 percent from August and 4 percent above last year. Based on September 1 conditions, yields are expected to average a record high 44.7 bushels per acre, up 0.7 bushel from both last month and last year. Compared with last month, yields are forecast higher or unchanged across the central and northern Corn Belt, with the exception of Michigan. The largest increases in yield from last month are expected in Maryland and Virginia, both up 4 bushels. With the exceptions of Louisiana and the Carolinas, yields are forecast down across the Delta States, Southern Great Plains, and Southeast. The largest decline from August 1 forecast is expected in Oklahoma, down 7 bushels as drought conditions across much of the state hampered yield expectations. If realized, the forecasted yield in Illinois, Minnesota, Nebraska, New York, and North Dakota will be a record high. Area for harvest in the United States is forecast at 78.0 million acres, unchanged from June, but up 2 percent from 2009.

Tobacco production for 2010 is forecast at 726 million pounds, slightly above last month, but 12 percent below 2009. Area harvested is forecast at 331,120 acres, up 1 percent from August but 7 percent below 2009. Yields for 2010 are expected to average 2,193 pounds per acre, down 17 pounds from August and 129 pounds less than 2009.

SOURCE: **Crop Production**, 8:30 a.m., September 10, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.



Pennsylvania: Number of Milk Cows, Production and Value of Production, 2009 ¹

County & District	Number of milk cows		Production ²		Value of production ³ (1,000 dols.)
	Jan. 1, 2010 inventory (number)	2009 average (number)	Per cow (pounds)	Total (1,000 lbs.)	
Adams	7,400	7,600	20,395	155,000	22,320
Armstrong	3,200	3,200	18,156	58,100	8,366
Beaver	2,000	2,000	17,800	35,600	5,126
Bedford	16,600	16,400	17,518	287,300	41,371
Berks	21,300	21,300	19,531	416,000	59,904
Blair	16,700	17,200	18,779	323,000	46,512
Bradford	24,900	24,900	18,574	462,500	66,600
Bucks	2,200	2,200	18,364	40,400	5,818
Butler	3,500	3,500	19,029	66,600	9,590
Cambria	2,200	2,200	18,182	40,000	5,760
Centre	10,800	11,300	18,407	208,000	29,952
Chester	18,000	17,900	22,804	408,200	58,781
Clarion	3,000	3,000	17,667	53,000	7,632
Clearfield	1,500	1,700	16,176	27,500	3,960
Clinton	5,000	5,000	17,240	86,200	12,413
Columbia	3,100	3,300	18,939	62,500	9,000
Crawford	14,100	14,400	18,056	260,000	37,440
Cumberland	16,800	16,800	20,738	348,400	50,170
Dauphin	5,700	5,900	19,627	115,800	16,675
Erie	5,500	5,600	17,268	96,700	13,925
Fayette	3,500	3,500	16,571	58,000	8,352
Franklin	44,700	44,800	19,179	859,200	123,725
Fulton	4,600	5,200	17,327	90,100	12,974
Huntingdon	11,400	11,800	19,025	224,500	32,328
Indiana	7,000	7,000	18,571	130,000	18,721
Jefferson	2,300	2,300	17,391	40,000	5,760
Juniata	7,500	7,600	19,079	145,000	20,880
Lackawanna	1,500	1,500	16,600	24,900	3,586
Lancaster	95,700	96,000	21,046	2,020,400	290,937
Lawrence	5,000	5,000	18,340	91,700	13,205
Lebanon	24,100	23,300	22,721	529,400	76,234
Lehigh	1,200	1,200	18,333	22,000	3,168
Luzerne	1,100	1,200	17,250	20,700	2,981
Lycoming	5,600	5,600	18,107	101,400	14,602
McKean	900	900	19,556	17,600	2,534
Mercer	8,800	8,900	17,079	152,000	21,888
Mifflin	11,900	11,900	19,387	230,700	33,221
Montgomery	1,200	1,300	17,385	22,600	3,254
Montour	1,800	1,800	17,778	32,000	4,608
Northampton	1,500	1,600	18,250	29,200	4,205
Northumberland	5,900	5,700	19,649	112,000	16,128
Perry	8,900	9,100	21,571	196,300	28,267
Potter	4,700	4,700	18,021	84,700	12,197
Schuylkill	3,300	3,100	17,677	54,800	7,891
Snyder	6,900	7,100	17,986	127,700	18,389
Somerset	16,500	17,700	17,458	309,000	44,496
Sullivan	2,000	2,000	18,250	36,500	5,256
Susquehanna	10,600	10,600	18,679	198,000	28,512
Tioga	11,400	11,400	18,149	206,900	29,794
Union	8,200	8,400	19,643	165,000	23,760
Warren	4,300	4,300	17,047	73,300	10,555
Washington	3,800	4,100	15,732	64,500	9,288
Wayne	6,200	6,200	17,435	108,100	15,566
Westmoreland	6,400	6,400	17,891	114,500	16,488
Wyoming	2,700	2,700	16,852	45,500	6,552
York	9,900	10,200	19,902	203,000	29,232
Northwestern, Combined Counties	1,800	1,800	16,389	29,500	4,248
North Central, Combined Counties	500	500	16,400	8,200	1,180
East Central, Combined Counties	400	400	17,000	6,800	979
Southwestern, Combined Counties	800	800	18,125	14,500	2,088
Northwestern	34,500	35,000	17,471	611,500	88,056
North Central	55,000	55,000	18,255	1,004,000	144,576
Northeastern	21,000	21,000	17,929	376,500	54,216
West Central	26,000	26,000	18,269	475,000	68,400
Central	102,500	105,000	19,143	2,010,000	289,440
East Central	7,500	7,500	17,800	133,500	19,224
Southwestern	31,000	32,500	17,246	560,500	80,712
South Central	100,000	101,000	19,238	1,943,000	279,792
Southeastern	162,500	162,000	21,216	3,437,000	494,928
Pennsylvania	540,000	545,000	19,360	10,551,000	1,519,344

¹ Counties not shown separately included in 'Combined Counties' for that specific district. ² Excludes milk sucked by calves. ³ Value at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

CORN FOR GRAIN YIELDS 2009-2010, SELECTED STATES

State	2009	2010 ¹
Delaware	145.0	115.0
Illinois	174.0	174.0
Indiana	171.0	170.0
Iowa	182.0	179.0
Kansas	155.0	138.0
Maryland	145.0	100.0
Michigan	148.0	154.0
Minnesota	174.0	177.0
Missouri	153.0	143.0
Nebraska	178.0	179.0
New Jersey	143.0	118.0
New York	134.0	144.0
Ohio	174.0	173.0
Pennsylvania ...	143.0	128.0
Virginia	131.0	65.0
Wisconsin	153.0	159.0
United States...	164.7	162.5

¹ Forecast September 1, 2010.

SOURCE: **Crop Production**, 8:30 a.m., Sep 10, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

VEGETABLE PRODUCTION

Contracted production for **Pennsylvania** snap beans in 2010 is estimated at 26,160 tons, compared to 27,660 tons contracted in 2009. Area contracted for harvest is estimated at 10,900 acres, up from 7,000 harvested contract acres in 2009. Expected yield is 2.40 tons per acre, down from last year's yield of 3.95 tons per acre. Contracted production for Pennsylvania sweet corn and tomatoes for processing is no longer published in order to avoid disclosure of individual operations.

Contracted production of snap beans in the **United States** is forecast at 736,680 tons, down 6 percent from last year. Contracted harvested area is down 1 percent, and yield is down 0.19 ton per acre. In Michigan, insect and disease problems have been reported in some fields due to hot and humid weather. In Illinois, excessive rainfall across the state negatively impacted yields. In Indiana, heavy rainfall during the planting season delayed field preparation. In Minnesota, snap beans are reported to be in good condition due to warm temperatures and plenty of rainfall. Pennsylvania growers experienced very hot and dry weather during the growing season. In Wisconsin, snap beans are progressing at a slow pace due to heavy rainfall during June and July.

Contracted production of sweet corn production in the **United States** is forecast at 2.73 million tons, down 16 percent from last year. A decline of 10 percent in contracted harvested area is accompanied by a decline in yield of 0.49 ton per acre from 2009. Oregon's sweet corn crop was delayed due to cool and wet spring conditions. In Wisconsin, harvest was delayed due to standing water in the fields.

Contracted tomato production in the **United States** is forecast at 12.8 million tons, down 7 percent from last year. A decline of 12 percent in the contracted harvested area is accompanied by a yield increase of 2.20 tons per acre. In California, the season got off to a slow start due to cool temperatures and wet conditions. In Ohio, harvest was 7 percent complete by mid-August. In Michigan, the tomato crop looks good and is reported to be growing at a fast pace, however, reports of early blight slowed crop progress. Indiana's processing tomatoes are reported to be in good condition despite heavy rainfall during the planting season.

SOURCE: **Vegetables**, 3:00 p.m., Sep 2, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

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